



Atty. Docket No.: 19781/2042

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Slepnev  
Serial No.: 10/600,201  
Filed: June 20, 2003  
Entitled: Methods of Detecting Sequence  
Differences

Examiner: Unknown

Group Art Unit: Unknown

Conf. No.: Unknown

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8a**

I hereby certify that this correspondence (and any paper or fee referred to as being enclosed) is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mary Wilson

Name of Person Mailing Paper

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

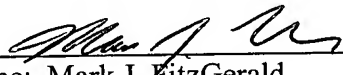
Enclosed for filing in the above-identified patent application, please find the following documents:

1. Information Disclosure Statement;
2. Form PTO-1449;
3. Copies of Cited References; and
4. Return Post Card.

The Commissioner for Patents is hereby authorized to charge any additional fees or credit any overpayment in the total fees to Deposit Account No. 16-0085, Reference No. 19781/2042.  
A duplicate of this transmittal letter is enclosed for this purpose.

Respectfully submitted,

Date: 10/6/03

  
Name: Mark J. Fitzgerald  
Registration No.: 45,928  
Palmer & Dodge LLP  
111 Huntington Avenue  
Boston, MA 02199-7613  
Tel: 617-239-0100



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**Commissioner for Patents****P.O. Box 1450****Alexandria, VA 22313-1450****INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

Dear Sir:

In accordance with the duty of disclosure under 37 CFR § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 CFR §§ 1.97 and 1.98 in the above-identified application for consideration by the Patent Office.

A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, copies of the documents in the list.

Pursuant to CFR § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that any of the documents submitted herein are material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant respectfully requests that the documents submitted herein be considered and made of record in this application.

Date: 10/6/03

Respectfully submitted,

Name: Mark J. FitzGerald

Registration No.: 45,928

Palmer &amp; Dodge LLP

111 Huntington Avenue

Boston, MA 02199-7613

Tel: 617-239-0100


USPTO Form 122b U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.

19781/2042

Serial No.

10/600,201

# INFORMATION DISCLOSURE STATEMENT

Applicant(s): Slepnev

Filing Date: June 20, 2003

Group: Unknown

## U.S. PATENT DOCUMENTS

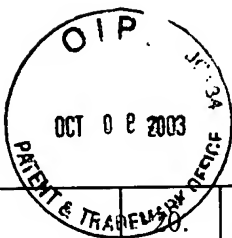
Examiner Initial		Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	1.	5,521,301	May 28, 1996	Wallace, et al.	536	24.33	
	2.	5,639,611	June 17, 1997	Wallace, et al.	435	6	
	3.	5,981,176	Nov. 9, 1999	Wallace	435	6	
	4.	5,210,015	May 11, 1993	Gelfand, et al.	435	6	
	5.	5,538,848	July 23, 1996	Livak, et al.	435	5	
	6.	5,863,736	Jan. 26, 1999	Haaland	435	6	
	7.	5,846,710	Dec. 8, 1998	Bajaj	435	6	
	8.	6,004,744	Dec. 21, 1999	Goelet, et al.	435	5	
	9.	5,888,819	March 30, 1999	Goelet, et al.	435	5	
	10.	5,856,092	Jan. 5, 1999	Dale, et al.	435	6	
	11.	5,710,028	Jan. 20, 1998	Eyal, et al.	435	91.1	
	12.	6,013,431	Jan. 11, 2000	Soderlund, et al.	435	5	
	13.	6,074,831	June 13, 2000	Yakhini, et al.	435	6	
	14.	6,322,980	Nov. 27, 2001	Singh	435	6	
	15.	6,270,973	Aug. 7, 2001	Lewis, et al.	435	6	
	16.	6,156,178	Dec. 5, 2000	Mansfield, et al.	204	457	
	17.	6,312,893	Nov. 6, 2001	Van Ness, et al.	435	6	

## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Publication Date	Country	Class	Subclass	Translation	
							YES	NO

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

	18.	Piggee, et al., (1997) "Capillary electrophoresis for the detection of known point mutations by single-nucleotide primer extension and laser-induced fluorescence detection", <i>Journal of Chromatography A</i> , V. 781, Pgs. 367-375.
	19.	Gibson, U.E.M, et al., (1996) "A novel method for real time quantitative RT-PCR", <i>Genome Research</i> , V. 6, Pgs.995-1001.



	20.	Heid, C.A., et al. (1996) "Real time quantitative PCR", <i>Genome Research</i> , V.6, Pgs. 986-994.
	21.	Livak, K.J., et al. (1995) "Oligonucleotides with fluorescent dyes at opposite ends provide a quenched probe system useful for detecting PCR product and nucleic acid hybridization", <i>PCR Methods and Applications</i> , Pgs. 357-362.
	22.	McClay, et al. (2002) "High-throughput single-nucleotide polymorphism genotyping by fluorescent competitive allele-specific polymerase chain reaction (SniPTag)", <i>Analytical Biochemistry</i> , V. 301, Pgs. 200-206.
	23.	Holland, P.M., et al. (1991) Detection of specific polymerase chain reaction product by utilizing the 5' to 3' exonuclease activity of <i>Thermus aquaticus</i> DNA polymerase", <i>Proceedings of the National Academy of Sciences USA</i> , V. 88, Pgs. 7276-7280.
EXAMINER		DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.</p> <p>**Copies of references not provided at the time of this submission.</p>		